AUTHOR INDEX

Abe, T., see Ishizuka, T., 107
Amano, M., see Kubo, T., 103
Antal, A., Kéri, S., Bodis-Wollner, I., Dopamine D2 receptor blockade alters the primary and cognitive components of visual evoked potentials in the monkey, *Macaca fascicularis*, 179
Aparicio-Legarza, M.I., Cutts, A.J., Davis, B., Reynolds, G.P., Deficits of [^{3}H]D-aspartate binding to glutamate uptake sites in striatal and accumbens tissue in patients with schizophrenia, 13
Arai, H., see Sakuragawa, N., 53
Arai, R., see Ikemoto, K., 111
Asari, T., see Kubo, T., 103

Barcikowska, M., see Pluta, R., 95
Bazzani, C., see Guarini, S., 123
Bertolini, A., see Guarini, S., 123
Block, F., Grommes, C., Kosinski, C., Schmidt, W., Schwarz, M., Retinal ischemia induced by the intraluminal suture method in rats, 45
Bodis-Wollner, I., see Antal, A., 179
Bogdanovic, N., see Svensson, A.-L., 37
Brandt, T., see Zink, R., 171
Buchan, A.M., see Small, D.L., 87
Byl, N., see Spengler, F., 151

Cairns, N., see Seidl, R., 49
Cajochen, C., see Kräuchi, K., 57
Cernuda-Cernuda, R., see Huerta, J.J., 143
Chang, C.-K., Tsai, C.-Y., Lin, L.-S., Jou, S.-B., Liao, S.-S., Cheng, J.-T., Changes of superoxide dismutase (SOD) mRNA and activity in response to hypoxic stress in cultured Wistar rat glioma cells, 115
Cheng, J.-T., see Chang, C.-K., 115
Cheung, P.W.T., see Wan, D.C.C., 83
Choi, R.C.Y., see Wan, D.C.C., 83
Coan, E.J., see Siarey, R.J., 131
Cosentino, M., see Giaroni, C., 9
Cowburn, R.F., see Shanahan, C., 33
Cutts, A.J., see Aparicio-Legarza, M.I., 13
Czeisler, C.A., see Zeitzer, J.M., 135

Dębicki, G., see Pluta, R., 95
Danilenko, K.V., see Kräuchi, K., 57
Davis, B., see Aparicio-Legarza, M.I., 13
De Ponti, F., see Giaroni, C., 9
Dieterich, M., see Zink, R., 171
Dong, T.T.X., see Wan, D.C.C., 83

Elwan, M., see Sakuragawa, N., 53
Endo, K., see Yamaguchi, S., 163
Eriksson, P.S., see Thorlin, T., 67
Erokwu, B., see Yeh, E.R., 63
Eubanks, J.H., see Francis, J., 91

Fan, Q., see Warn, J.D., 25
Ferré, S., see Ögren, S.O., 21
Francis, J., Jugloff, D.G.M., Mingo, N.S., Wallace, M.C., Jones, O.T., McIntyre Burnham, W., Eubanks, J.H., Kainic acid-induced generalized seizures alter the regional hippocampal expression of the rat Kv4.2 potassium channel gene, 91
Frigo, G., see Giaroni, C., 9
Fukamizu, A., see Kakinuma, Y., 167
Fukumori, R., see Kubo, T., 103
Fuxe, K., see Ögren, S.O., 21

Galdzicki, Z., see Siarey, R.J., 131
García-Fernández, J.M., see Huerta, J.J., 143
Giaroni, C., Somaini, L., Marino, F., Cosentino, M., Leoni, O., De Ponti, F., Lecchini, S., Frigo, G., Acetylcholine detection by a modified HPLC-ED method improves the assessment of cholinergic function in the myenteric plexus of the guinea-pig colon, 9
Gibson, G.E., see Shanahan, C., 33
Goldstein, J., see López-Costa, J.J., 155
Gordon, A.M., Object release in patients with Parkinson's disease, 1
Goto, K., see Kakinuma, Y., 167
Gozal, D., see Torres, J.E., 175
Grandy, D.K., see Hirst, R.A., 119
Grommes, C., see Block, F., 45
Guarini, S., Bazzani, C., Bertolini, A., Physostigmine has a life-saving effect in rats subjected to prolonged respiratory arrest, 123
Gürün, M.S., Savci, V., Ulus, I.H., Kiran, B.K., Centrally administered choline increases plasma prolactin levels in conscious rats, 79

Hagiwara, Y., see Kubo, T., 103
Hama, H., see Kakinuma, Y., 167
Hanke, W., see Wiedemann, M., 99
Hansson, E., see Thorlin, T., 67
Haxhiu, M.A., see Yeh, E.R., 63
Hellström-Lindahl, E., see Svensson, A.-L., 37
Hirota, K., see Hirst, R.A., 119
Hirst, R.A., Hirota, K., Grandy, D.K., Lambert, D.G., Coupling of the cloned rat κ-opioid receptor to adenylyl cyclase is dependent on receptor expression, 119
Hori, Y., see Yamaguchi, S., 163
Huerta, J.J., Llamosas, M.M., Cernuda-Cernuda, R., García-Fernández, J.M., Fos expression in the retina of *rd/rd* mice during the light/dark cycle, 143
Hunter, A.J., see Read, S.J., 127

Ikejiri, Y., see Yasuda, M., 29
Ikemoto, K., Kitahama, K., Jouvet, A., Arai, R., Nishimura, A., Nishi, K., Nagatsu, I., Demonstration of L-dopa decarboxylating neurons specific to human striatum, 111
Ishii, T., see Sakuragawa, N., 53
Ishizuka, T., Saisu, H., Suzuki, T., Kirino, Y., Abe, T., Molecular cloning of synaphins/complexins, cytosolic proteins involved in transmitter release, in the electric organ of an electric ray (*Narke japonica*), 107
Izumi, Y., Katsuki, H., Zorumski, C.F., Monocarboxylates (pyruvate and lactate) as alternative energy substrates for the induction of long-term potentiation in rat hippocampal slices, 17

Januszewski, S., see Pluta, R., 95
Johnston, J.A., see Shanahan, C., 33
Jones, O.T., see Francis, J., 91
Jou, S.-B., see Chang, C.-K., 115
Jouvet, A., see Ikemoto, K., 111
Jugloff, D.G.M., see Francis, J., 91

0304-3940/97/$17.00 © 1997 Elsevier Science Ireland Ltd. All rights reserved
PII S0304-3940(97)00629-0

Kakinuma, Y., Hama, H., Sugiyama, F., Goto, K., Murakami, K., Fukamizu, A., Anti-apoptotic action of angiotensin fragments to neuronal cells from angiotensinogen knock-out mice, 167
Kakishita, K., see Sakuragawa, N., 53
Katoh, S., Mitsui, Y., Kitani, K., Suzuki, T., The rescuing effect of nerve growth factor is the result of up-regulation of bcl-2 in hyperoxia-induced apoptosis of a subclone of pheochromocytoma cells, PC12h, 71
Katsuki, H., see Izumi, Y., 17
Kawamata, T., see Yasuda, M., 29
Kéri, S., see Antal, A., 179
Kiran, B.K., see Gürün, M.S., 79
Kirino, Y., see Ishizuka, T., 107
Kitahama, K., see Ikemoto, K., 111
Kitajima, T., see Yamaguchi, S., 163
Kitani, K., see Katoh, S., 71
Koistinaho, J., see Wittner, M., 75
Kosinski, C., see Block, F., 45
Kräuchi, K., Cajochen, C., Danilenko, K.V., Wirz-Justice, A., The hypothermic effect of late evening melatonin does not block the phase delay induced by concurrent bright light in human subjects, 57
Kreisman, N.R., see Torres, J.E., 175
Kronauer, R.E., see Zeitzer, J.M., 135
Kubo, T., Asari, T., Amano, M., Hagiwara, Y., Fukumori, R., Evidence for the involvement of endogenous aspartate in the mediation of carotid chemoreceptor reflexes in the rostral ventrolateral medulla of the rat, 103
Kumakura, K., see Misonou, H., 182
Kuroda, S., see Yasuda, M., 29

LaManna, J.C., see Yeh, E.R., 63
Lambert, D.G., see Hirst, R.A., 119
Lannfelt, L., see Shanahan, C., 33
Lannfelt, L., see Svensson, A.-L., 37
Lecchini, S., see Giaroni, C., 9
Leoni, O., see Giaroni, C., 9
Liao, S.-S., see Chang, C.-K., 115
Lin, L.-S., see Chang, C.-K., 115
Llamosas, M.M., see Huerta, J.J., 143
López-Costa, J.J., Goldstein, J., Pecci Saavedra, J., Neuronal and macrophagic nitric oxide synthase isoforms distribution in normal rat retina, 155
Lubec, G., see Seidl, R., 49

Maeda, K., see Yasuda, M., 29
Marino, F., see Giaroni, C., 9
Maruyama, W., Strolin Benedetti, M., Takahashi, T., Naoi, M., A neurotoxin *N*-methyl(*R*)salsolinol induces apoptotic cell death in differentiated human dopaminergic neuroblastoma SH-SY5Y cells, 147
McIntyre Burnham, W., see Francis, J., 91
Merzenich, M.M., see Spengler, F., 151
Mingo, N.S., see Francis, J., 91
Misawa, H., see Sakuragawa, N., 53
Misonou, H., Ohara-Imaizumi, M., Kumakura, K., Regulation of the priming of exocytosis and the dissociation of SNAP-25 and VAMP-2 in adrenal chromaffin cells, 182
Mitsui, Y., see Katoh, S., 71
Morley, P., see Small, D.L., 87
Murakami, K., see Kakinuma, Y., 167

Nagatsu, I., see Ikemoto, K., 111
Naoi, M., see Maruyama, W., 147
Ng, Y.P., see Wan, D.C.C., 83
Nishi, K., see Ikemoto, K., 111
Nishimura, A., see Ikemoto, K., 111
Noda, I., see Saito, T., 41
Nordberg, A., see Svensson, A.-L., 37
Nores, W.L., see Vaccarino, A.L., 139

O'Neill, C., see Shanahan, C., 33
Ogino, I., see Sakuragawa, N., 53
Ögren, S.O., Ferré, S., Schwarcz, R., Fuxe, K., Prolonged treatment with haloperidol and clozapine in the rat: differential effects on spontaneous and theophylline-induced motor activity, 21
Ohara-Imaizumi, M., see Misonou, H., 182
Ohsugi, K., see Sakuragawa, N., 53
Ohtsubo, T., see Saito, T., 41
Okuda, O., see Sakuragawa, N., 53
Olson, R.D., see Vaccarino, A.L., 139

Parsons, A.A., see Read, S.J., 127
Pecci Saavedra, J., see López-Costa, J.J., 155
Pluta, R., Barcikowska, M., Dębicki, G., Ryba, M., Januszewski, S., Changes in amyloid precursor protein and apolipoprotein E immunoreactivity following ischemic brain injury in rat with long-term survival: influence of idebenone treatment, 95
Poeppel, D., see Spengler, F., 151
Poulter, M.O., see Small, D.L., 87

Rapoport, S.I., see Siarey, R.J., 131
Read, S.J., Smith, M.I., Hunter, A.J., Parsons, A.A., The dynamics of nitric oxide release measured directly and in real time following repeated waves of cortical spreading depression in the anaesthetised cat, 127
Reynolds, G.P., see Aparicio-Legarza, M.I., 13
Roberts, T.P.L., see Spengler, F., 151
Rönnbäck, L., see Thorlin, T., 67
Rowley, H.A., see Spengler, F., 151
Ryba, M., see Pluta, R., 95

Saisu, H., see Ishizuka, T., 107
Saito, H., see Saito, T., 41
Saito, T., Zhang, Z.J., Shibamori, Y., Ohtsubo, T., Noda, I., Yamamoto, T., Saito, H., P-glycoprotein expression in capillary endothelial cells of the 7th and 8th nerves of guinea pig in relation to blood–nerve barrier sites, 41
Sakuragawa, N., Misawa, H., Ohsugi, K., Kakishita, K., Ishii, T., Thangavel, R., Tohyama, J., Elwan, M., Yokoyama, Y., Okuda, O., Arai, H., Ogino, I., Sato, K.,Evidence for active acetylcholine metabolism in human amniotic epithelial cells: applicable to intracerebral allografting for neurologic disease, 53
Sato, K., see Sakuragawa, N., 53
Savci, V., see Gürün, M.S., 79
Schmidt, W., see Block, F., 45
Schröger, E., Wolff, C., Fast preattentive processing of location: a functional basis for selective listening in humans, 5
Schuller, E., see Seidl, R., 49
Schwarcz, R., see Ögren, S.O., 21
Schwarz, M., see Block, F., 45
Seidl, R., Schuller, E., Cairns, N., Lubec, G., Evidence against increased glycoxidation in patients with Alzheimer's disease, 49
Shanahan, C., Gibson, G.E., Cowburn, R.F., Johnston, J.A., Wiehager, B., Lannfelt, L., O'Neill, C., G protein subunit levels in fibroblasts from familial Alzheimer's disease patients: lower levels of the high molecular

weight Gsα isoform in patients with decreased β-adrenergic receptor stimulated cAMP formation, 33
Shibamori, Y., see Saito, T., 41
Siarey, R.J., Coan, E.J., Rapoport, S.I., Galdzicki, Z., Responses to NMDA in cultured hippocampal neurons from trisomy 16 embryonic mice, 131
Sivenius, J., see Wittner, M., 75
Small, D.L., Poulter, M.O., Buchan, A.M., Morley, P., Alteration in NMDA receptor subunit mRNA expression in vulnerable and resistant regions of in vitro ischemic rat hippocampal slices, 87
Smith, M.I., see Read, S.J., 127
Smith, P.G., see Warn, J.D., 25
Soignier, R.D., see Vaccarino, A.L., 139
Somaini, L., see Giaroni, C., 9
Spengler, F., Roberts, T.P.L., Poeppel, D., Byl, N., Wang, X., Rowley, H.A., Merzenich, M.M., Learning transfer and neuronal plasticity in humans trained in tactile discrimination, 151
Steddin, S., see Zink, R., 171
Strolin Benedetti, M., see Maruyama, W., 147
Sugiyama, F., see Kakinuma, Y., 167
Suzuki, T., see Ishizuka, T., 107
Suzuki, T., see Katoh, S., 71
Svensson, A.-L., Warpman, U., Hellström-Lindahl, E., Bogdanovic, N., Lannfelt, L., Nordberg, A., Nicotinic receptors, muscarinic receptors and choline acetyltransferase activity in the temporal cortex of Alzheimer patients with differing apolipoprotein E genotypes, 37

Takahashi, T., see Maruyama, W., 147
Tanaka, C., see Yasuda, M., 29
Thangavel, R., see Sakuragawa, N., 53
Thorlin, T., Eriksson, P.S., Hansson, E., Rönnbäck, L., [D-Pen^{2,5}]enkephalin and glutamate regulate the expression of δ-opioid receptors in rat cortical astrocytes, 67
Tohyama, J., see Sakuragawa, N., 53
Torres, J.E., Kreisman, N.R., Gozal, D., Nitric oxide modulates in vitro intrinsic optical signal and neural activity in the nucleus tractus solitarius of the rat, 175
Tsai, C.-Y., see Chang, C.-K., 115
Tsim, K.W.K., see Wan, D.C.C., 83

Ulus, I.H., see Gürün, M.S., 79

Vaccarino, A.L., Nores, W.L., Soignier, R.D., Olson, R.D., The role of corticosterone in the blockade of tolerance to morphine analgesia by formalin-induced pain in the rat, 139

Wallace, M.C., see Francis, J., 91
Wan, D.C.C., Ng, Y.P., Choi, R.C.Y., Cheung, P.W.T., Dong, T.T.X., Tsim, K.W.K., Denervation decreases the ipsilateral expression of AChE in chick lumbaric motor neurons, 83
Wang, X., see Spengler, F., 151
Warn, J.D., Fan, Q., Smith, P.G., Decreased neuronal nitric oxide synthase-immunoreactivity and NADPH-diaphorase activity in rat pterygopalatine ganglion parasympathetic neurons and cerebrovascular innervation following long-term sympathectomy, 25
Warpman, U., see Svensson, A.-L., 37
Watanabe, T., see Yanai, K., 159
Weiss, A., see Zink, R., 171
Wiedemann, M., Hanke, W., The chicken retina as an experimental model for investigation of central nervous lesions, 99
Wiehager, B., see Shanahan, C., 33
Wirz-Justice, A., see Kräuchi, K., 57
Wittner, M., Sivenius, J., Koistinaho, J., α2-Adrenoreceptor agonist, dexmedetomidine, alters acute gene expression after global ischemia in gerbils, 75
Wolff, C., see Schröger, E., 5

Yamaguchi, S., Endo, K., Kitajima, T., Hori, Y., Extracellular sodium concentration has diverse effects on the hypoxia-induced increase in intracellular Ca^{2+} in rat hippocampal slices, 163
Yamamoto, T., see Saito, T., 41
Yanai, K., Zhao, X.-L., Watanabe, T., Excitotoxic lesions of histaminergic neurons by excitatory amino acid agonists in the rat brain, 159
Yasuda, M., Maeda, K., Ikejiri, Y., Kawamata, T., Kuroda, S., Tanaka, C., A novel missense mutation in the presenilin-1 gene in a familial Alzheimer's disease pedigree with abundant amyloid angiopathy, 29
Yeh, E.R., Erokwu, B., LaManna, J.C., Haxhiu, M.A., The paraventricular nucleus of the hypothalamus influences respiratory timing and activity in the rat, 63
Yokoyama, Y., see Sakuragawa, N., 53

Zeitzer, J.M., Kronauer, R.E., Czeisler, C.A., Photopic transduction implicated in human circadian entrainment, 135
Zhang, Z.J., see Saito, T., 41
Zhao, X.-L., see Yanai, K., 159
Zink, R., Steddin, S., Weiss, A., Brandt, T., Dieterich, M., Galvanic vestibular stimulation in humans: effects on otolith function in roll, 171
Zorumski, C.F., see Izumi, Y., 17